

ABSTRACT OF THE DISCLOSURE

An electronic apparatus forming a sensor, an actuator or a control is described comprising a control engine and an integrated bus interface. The apparatus can be connected via the bus interface to a data bus for the communication of the apparatus with at least one further apparatus forming a sensor, an actuator or a control and connected to the data bus. Furthermore, the apparatus includes a device-specific definition engine in which parameters required for the communication, function and/or configuration of the electronic apparatus are stored, with the device-specific definition engine being present in a device-specific format and the parameters being able to be accessed via the control engine. In accordance with the invention, a universal definition engine is provided which is present in a device-independent, standardized format and in which all the parameters of the electronic apparatus required for the communication, function and configuration and additional parameters characterizing the electronic apparatus are stored. Furthermore, the device-specific definition engine can be generated automatically from the universal definition engine.